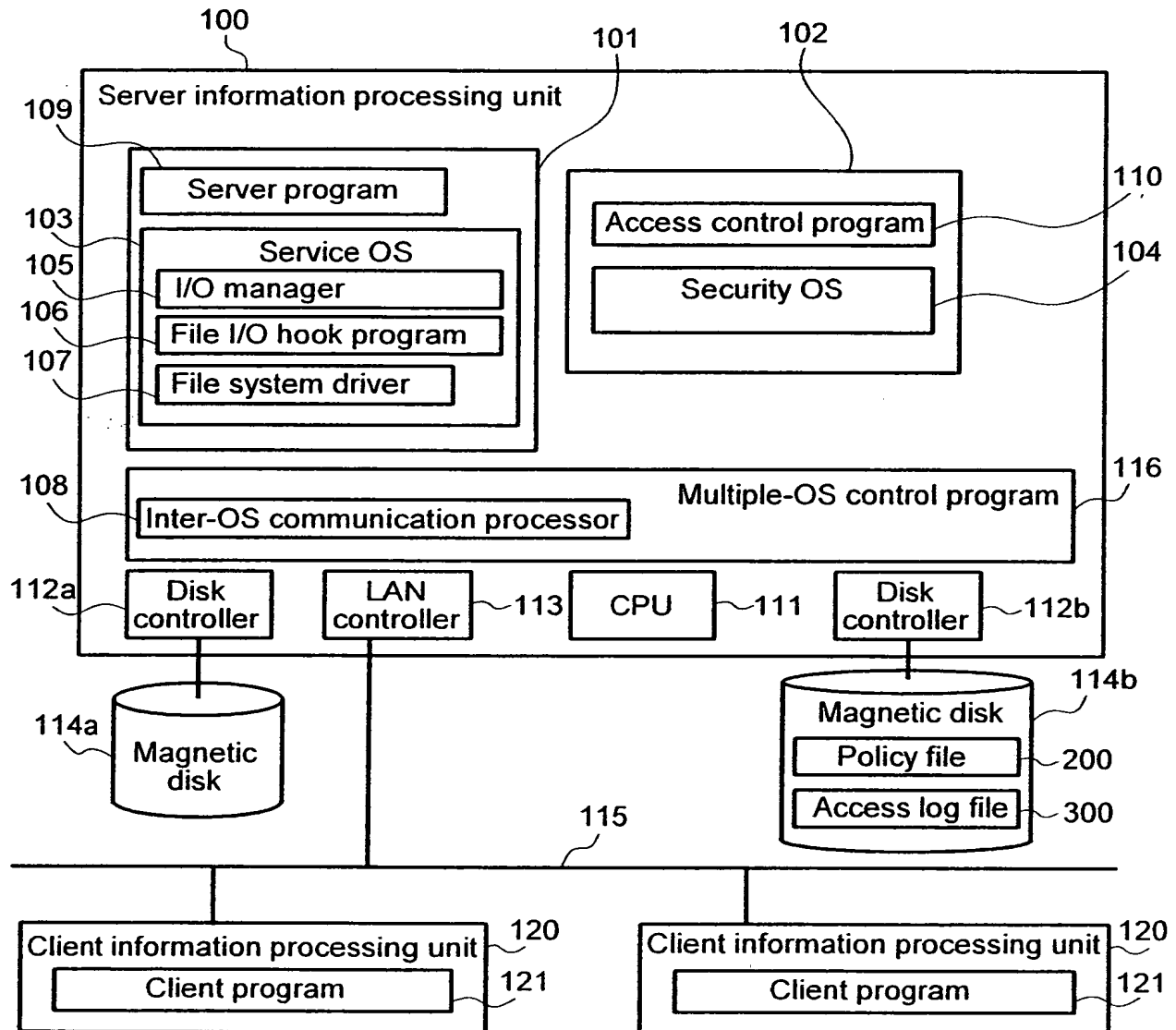


**FIG.1**

100: Server information processing unit

120: Client information processing unit

101: Memory under the control of service OS

102: Memory under the control of security OS

FIG. 2

200	201	202	203	204	205	206
	Object name	Prohibited access type	Error code	Exception subject	Program hash value	User name
210	D:\DOC\SECRET.TXT	Open	0016	C:\prog\wordedit.exe	Ox22FOA412B73209CC	sys_admin
		Delete	0021	C:\prog\fileman.exe	Ox73209C2FOA212B4C	sys_admin
211	D:\SYS\CONFIG*	Write	0018	C:\prog\mantool.exe	OxB74122209FDE236C	sys_admin
		Delete	0021	C:\prog\mantool.exe	OxB74122209FDE236C	sys_admin
212	D:\LOG\LOG.TXT					
		Read	0015	C:\prog\audit.exe C:\prog\vek.exe	Ox2F21204B73C09A2C OxFOA271243B9C202C	root, system
		Rename	0024	C:\prog\audit.exe	Ox2F21204B73C09A2C	root

200: Policy file

FIG.3

300	301	302	303	304	305
	Date/time	Object name	Access type	Subject name	User name
	1999.07.28 15:32:46	D:\DOC\SECRET.TXT	Write	C:\prog ¥ wwwsrv.exe	u_0023
	1999.07.27 09:15:10	D:\DOC\SECRET.TXT	Delete	C:\prog ¥ wwwsrv.exe	u_0023
	1999.07.25 16:02:55	D:\SYS ¥ CONFIG ¥	Write	C:\prog ¥ txtedit.exe	intruder
	1999.07.25 14:44:28	D:\SYS ¥ CONFIG ¥	Delete	C:\prog ¥ fileman.exe	intruder
	1999.07.25 14:42:59	D:\LOG ¥ LOG.TXT	Read	C:\prog ¥ txtedit.exe	user007
	1999.07.16 10:29:31	D:\LOG ¥ LOG.TXT	Delete	C:\prog ¥ fileman.exe	user007

300: Access log file

FIG.4

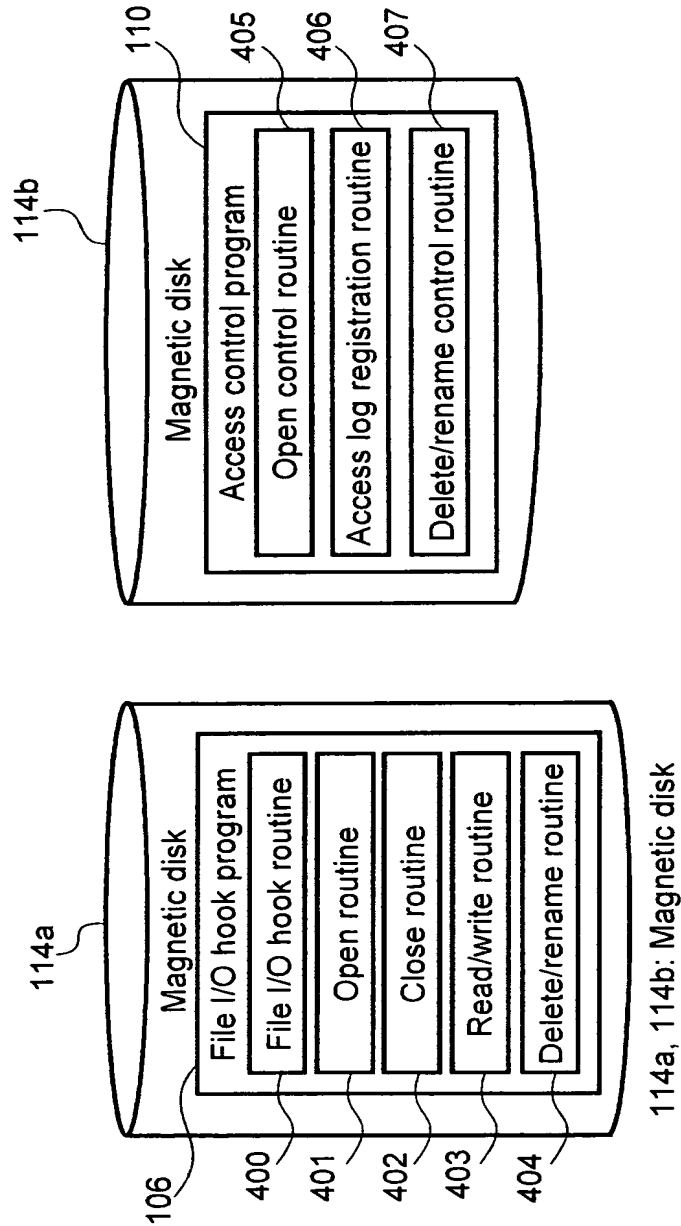
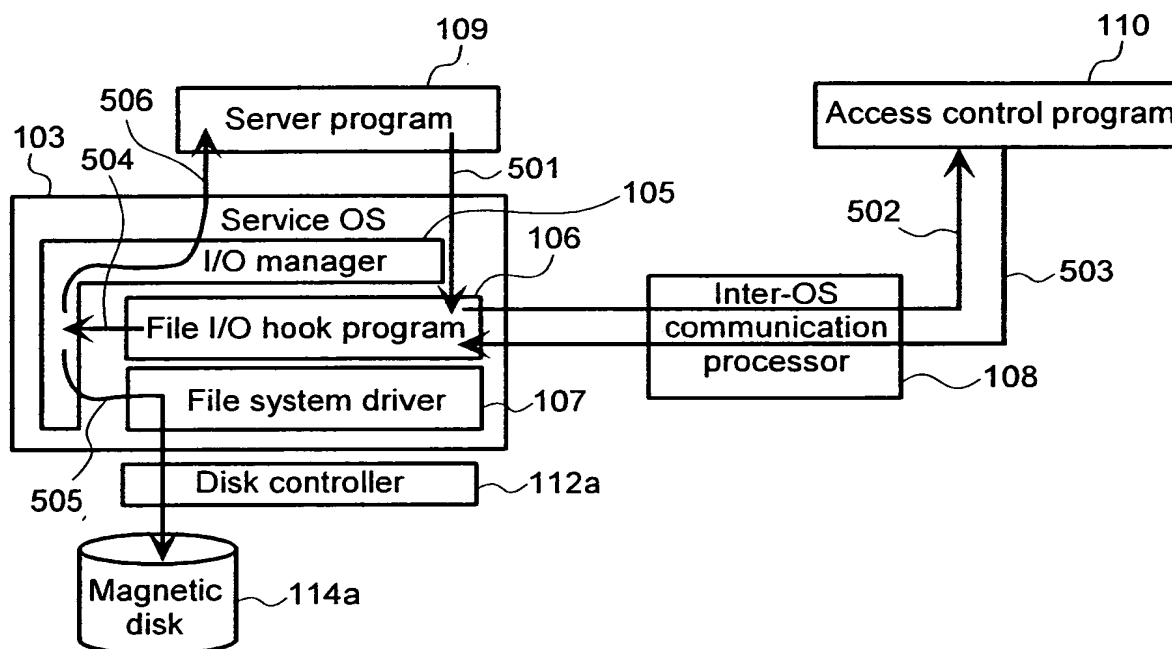


FIG.5

501~506: Communication routes

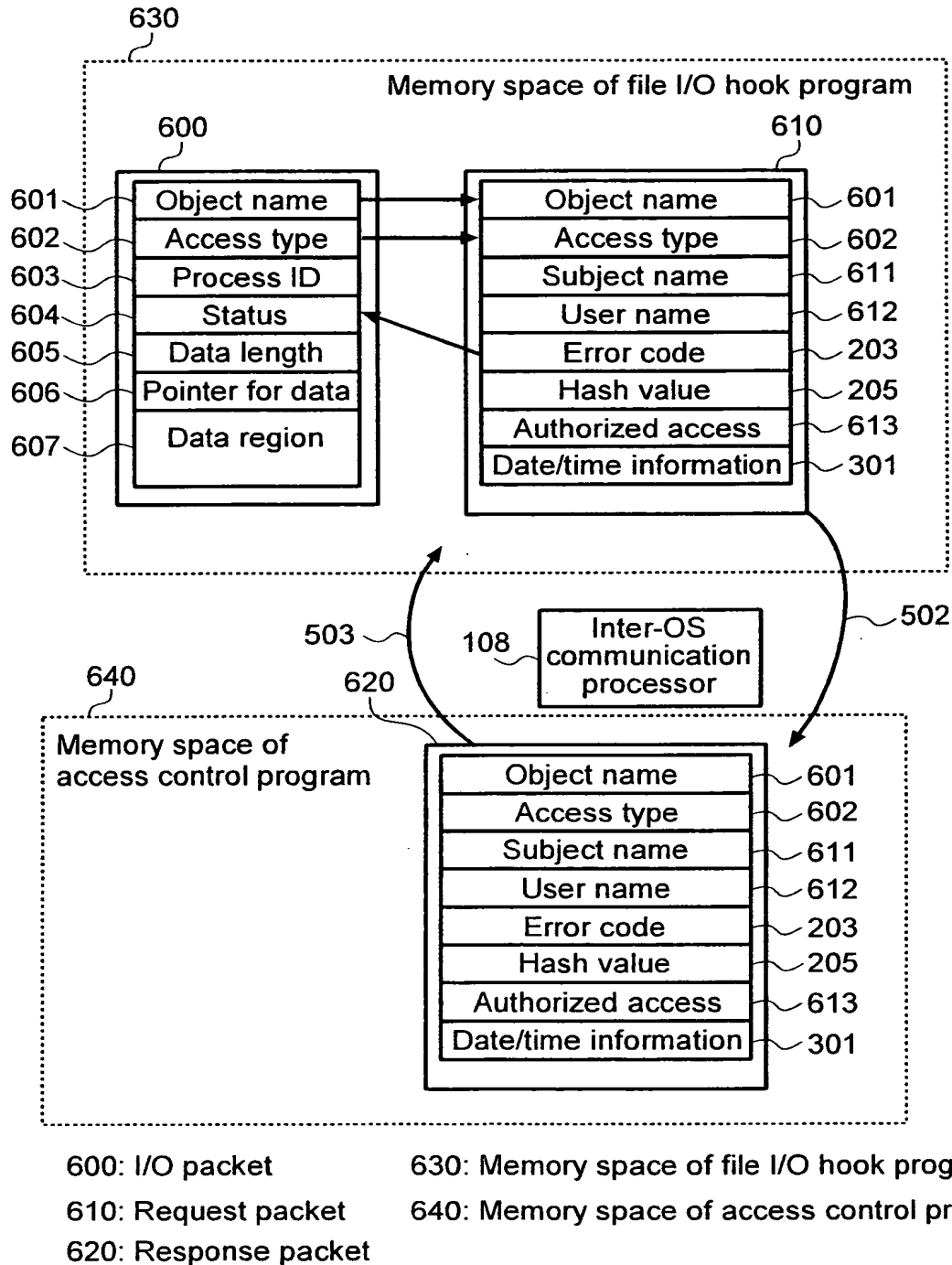
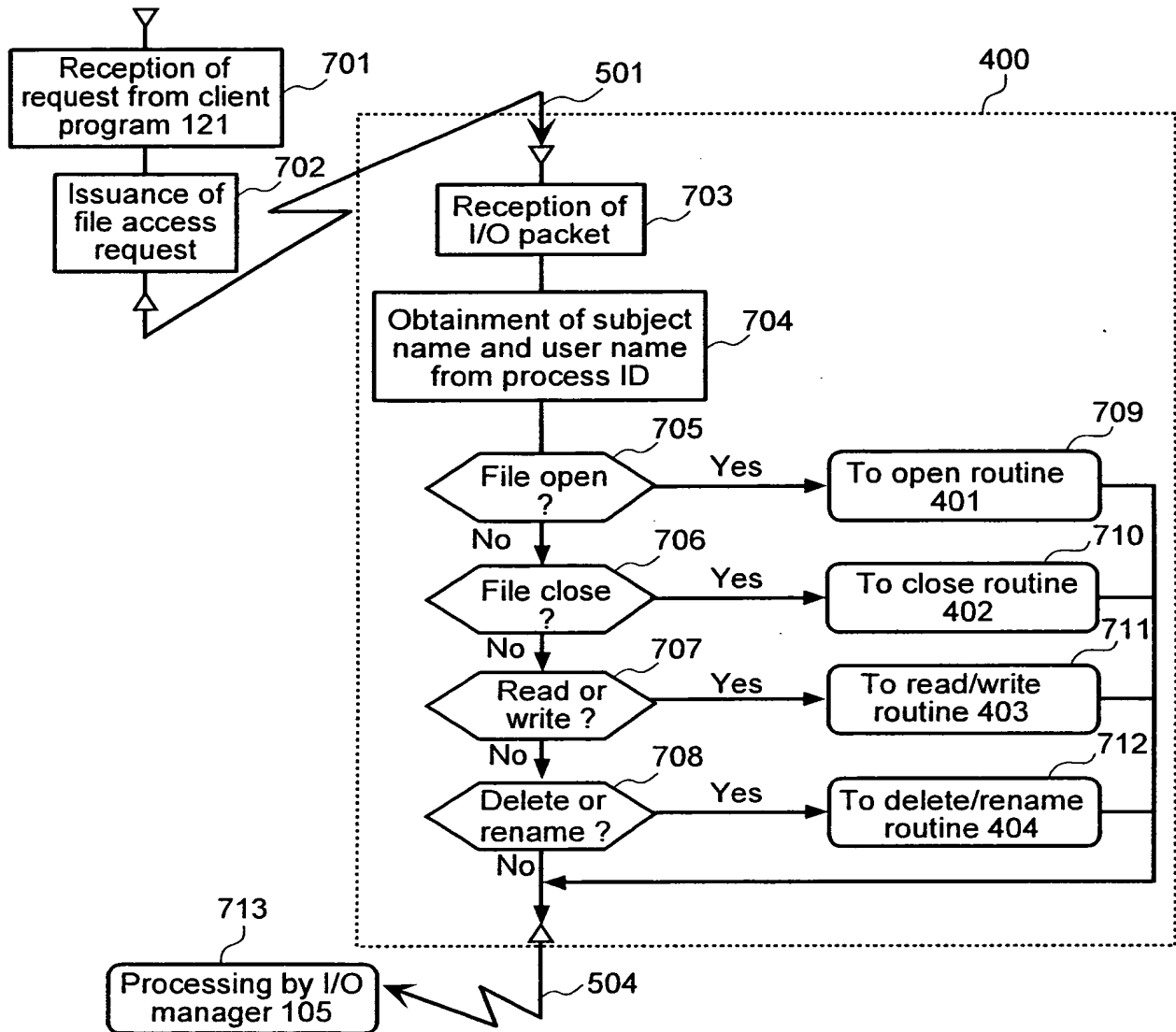
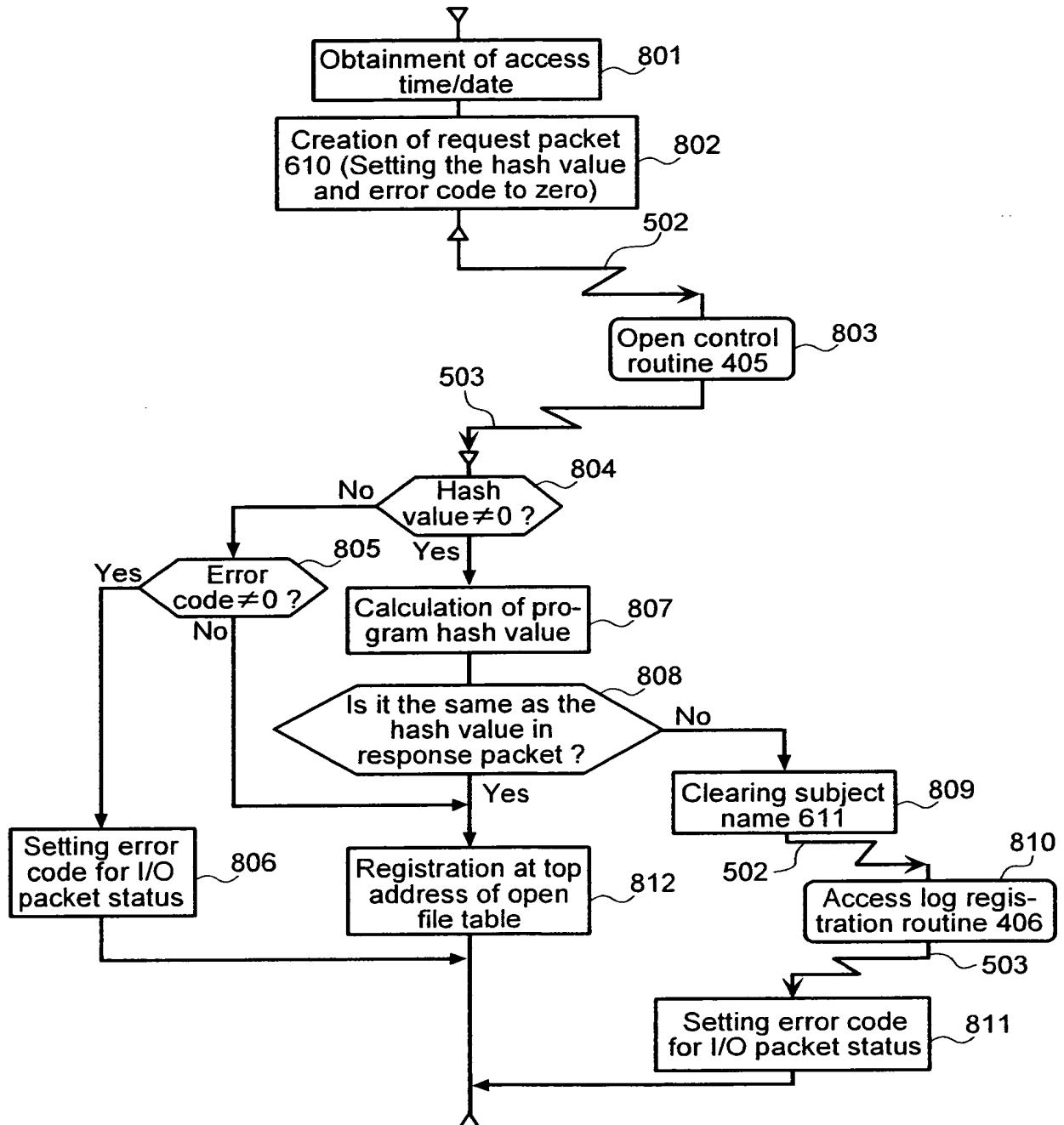
FIG.6

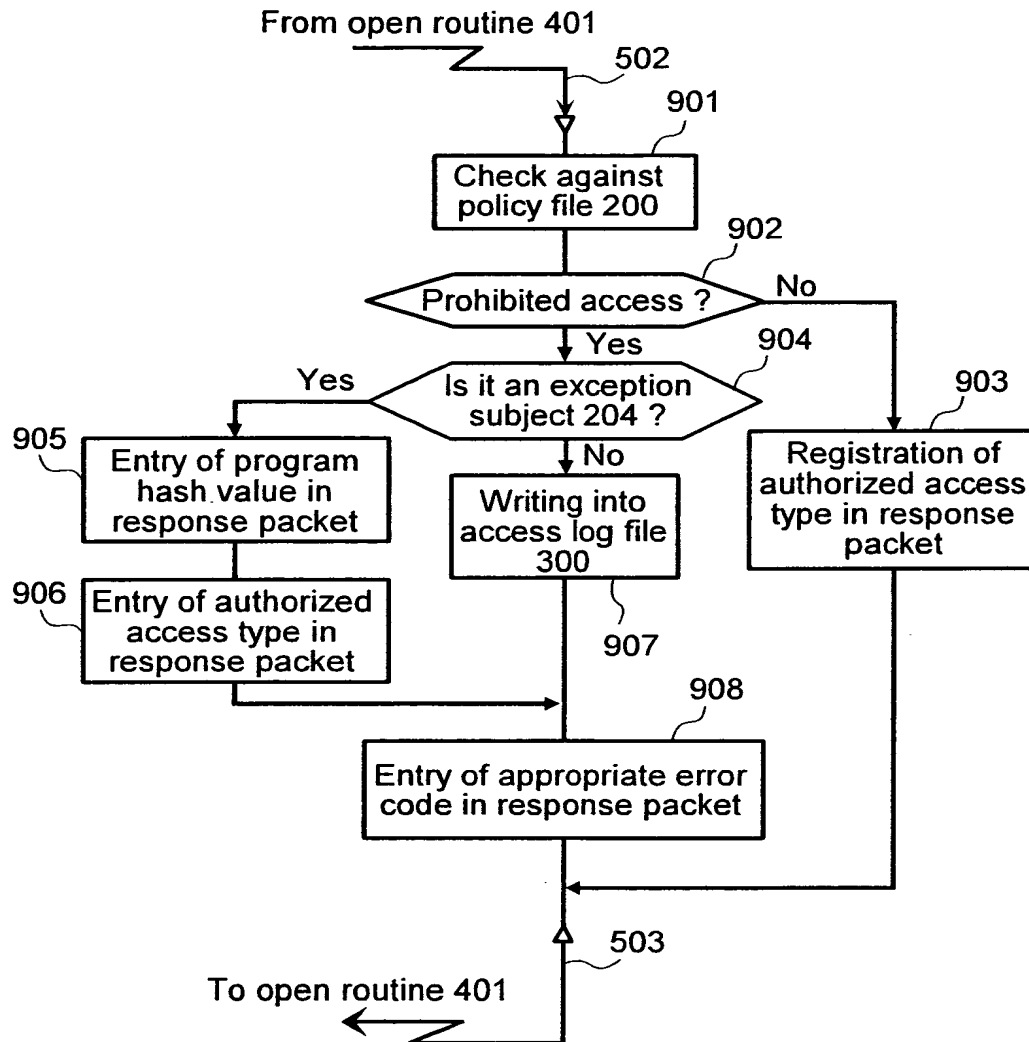
FIG.7

701~702: An outline of the processing sequence for the server program 109

703~712: Processing sequence for the file I/O hook routine 400

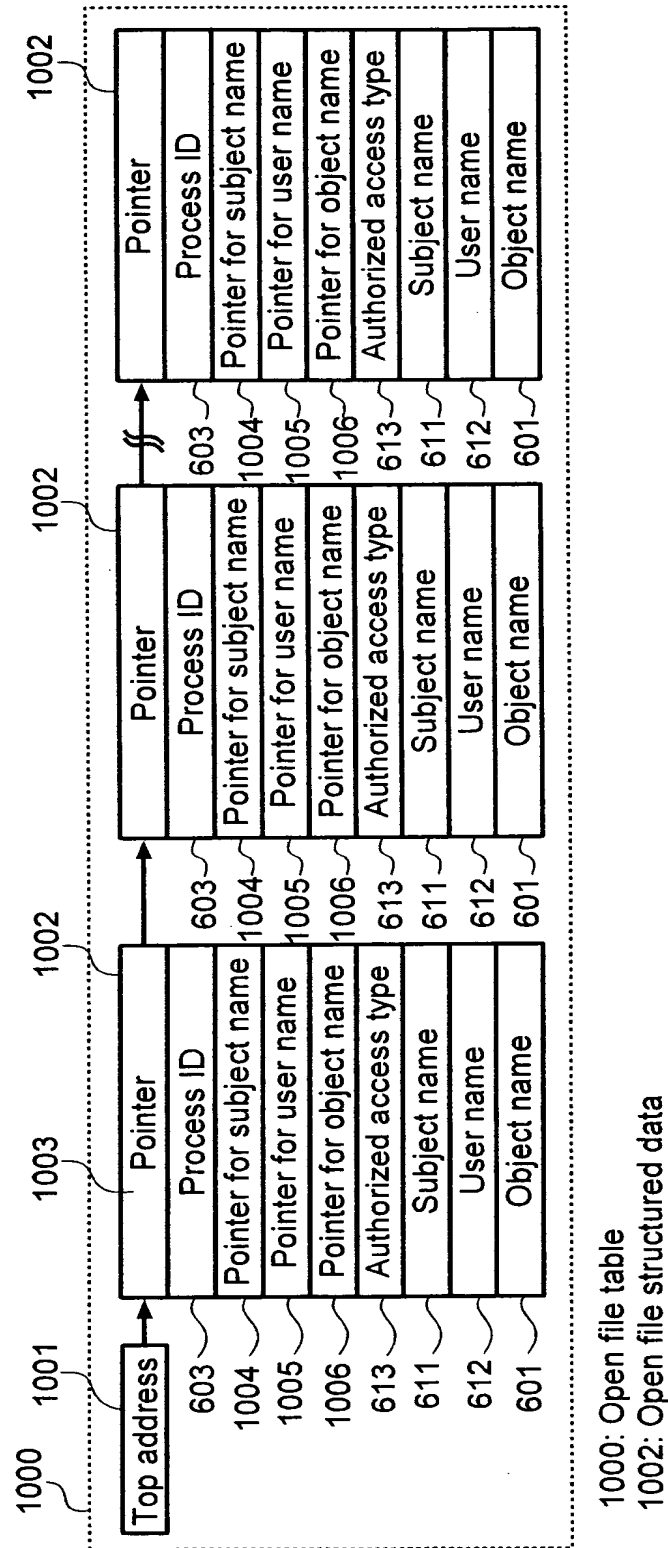
FIG.8

801~812: Processing sequence for the open routine

FIG.9

901~908: Processing sequence for the open control routine 405

FIG.10



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Application No. 09/816,625

"Access Control System"

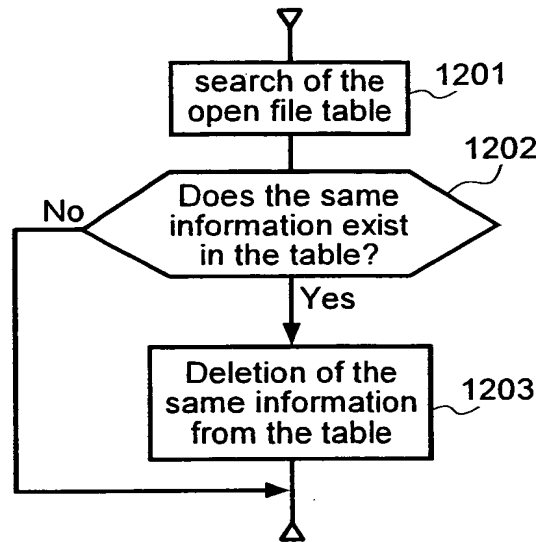
Attorney Docket No. 16869P-016300US

Robert C. Colwell, Reg. No. 27,431

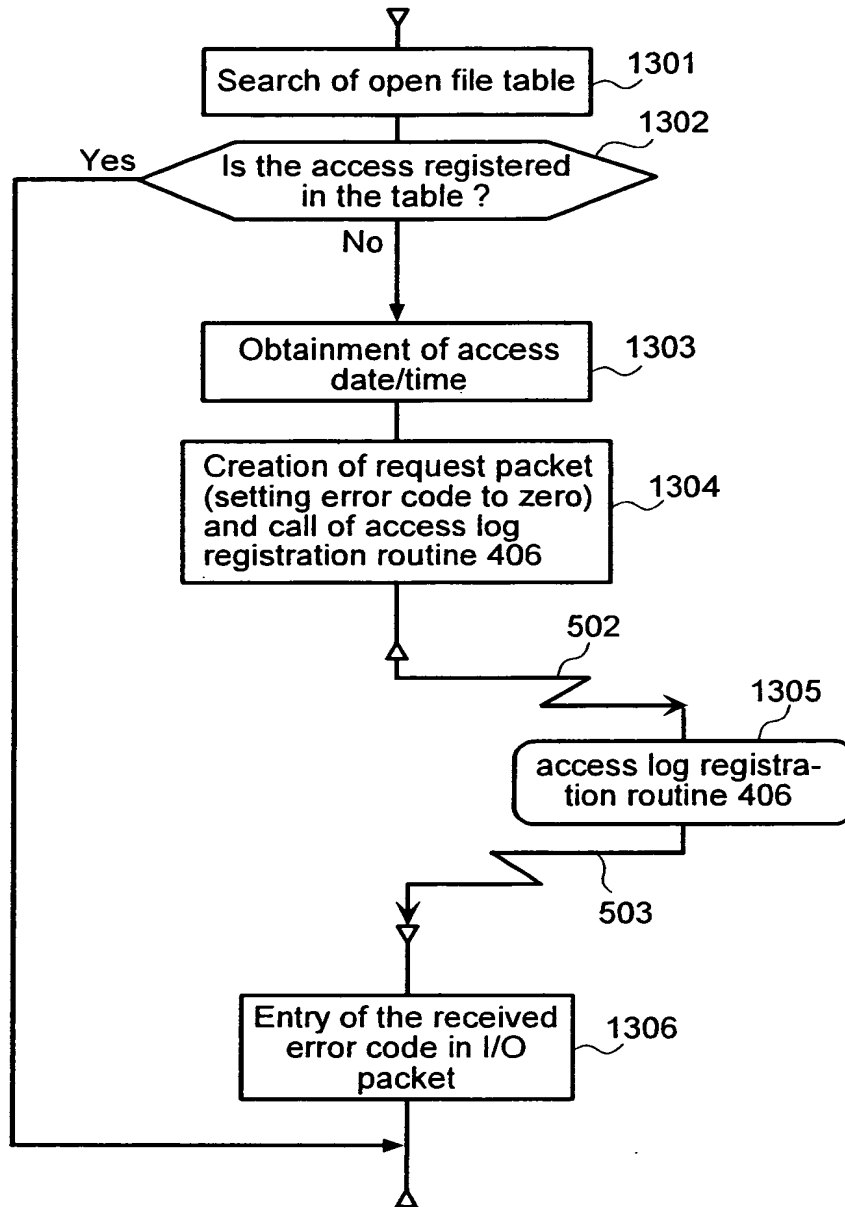
(650) 326-2400

FIG. 11

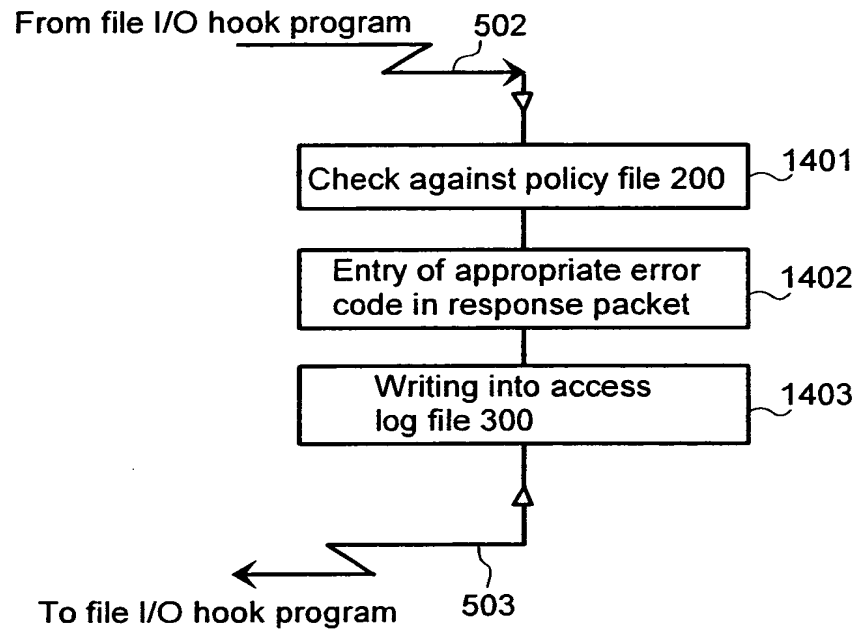
Process ID	Subject name	User name	Object name	Authorized access type
0022	c:\prog\wwwserv.exe	inet	D:\HOME\SALES.HTM	Read
0043	c:\prog\wordedit.exe	sec_admin	D:\DOC\SECRET.TXT	Read/Write
0067	c:\prog\viewer.exe	tarou	D:\DOC\IDEA.TXT	Read
0092	c:\prog\mantool.exe	sys_admin	D:\SYS\CONFIG\PORT	Read/Write
0113	c:\prog\vck.exe	system	D:\DOC\SHEET.DOC	Read
0218	c:\prog\audit.exe	root	D:\LOG\LOG.TXT	Read/Write

FIG.12

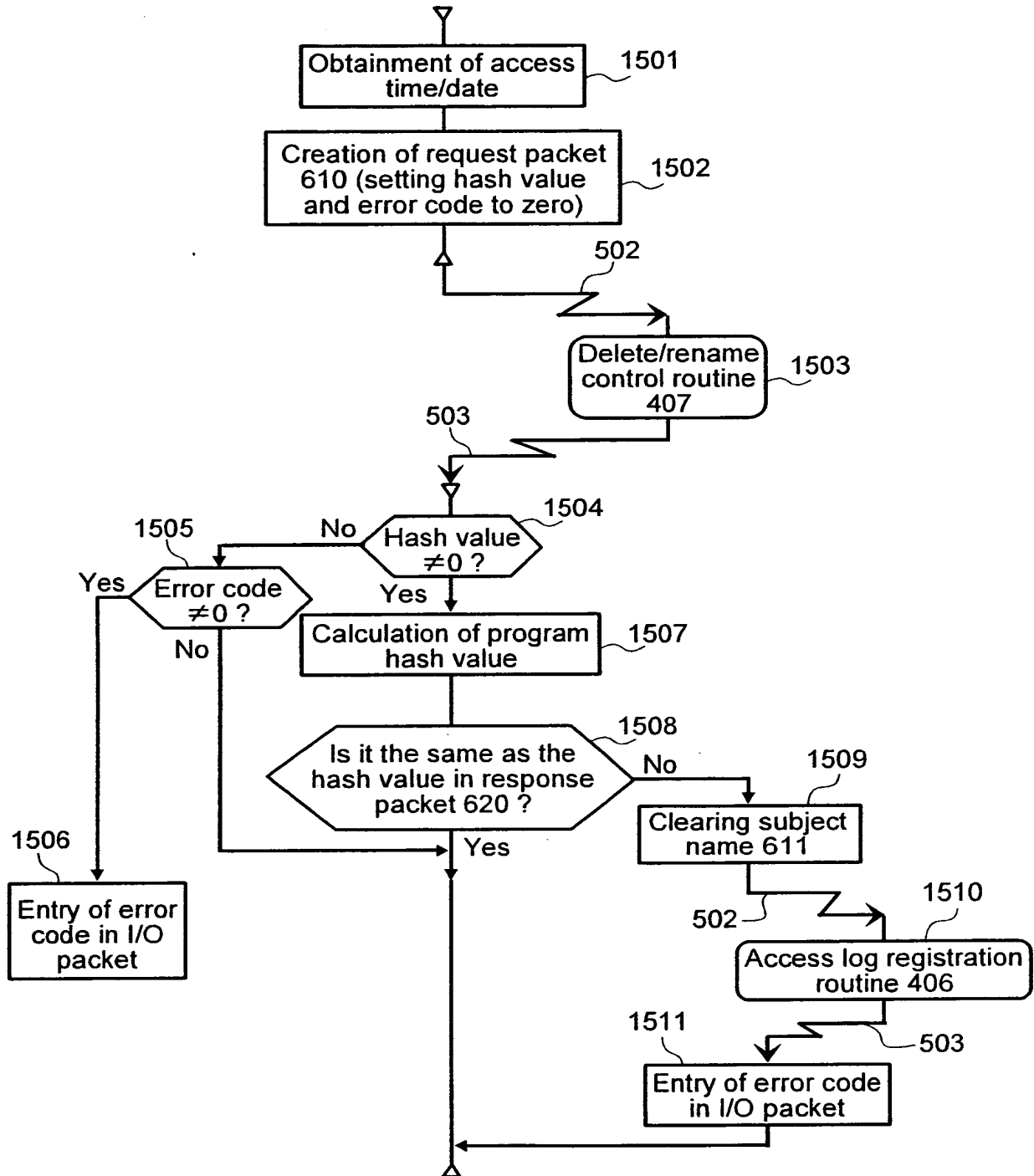
1201~1203: Processing sequence for the close routine 402

FIG.13

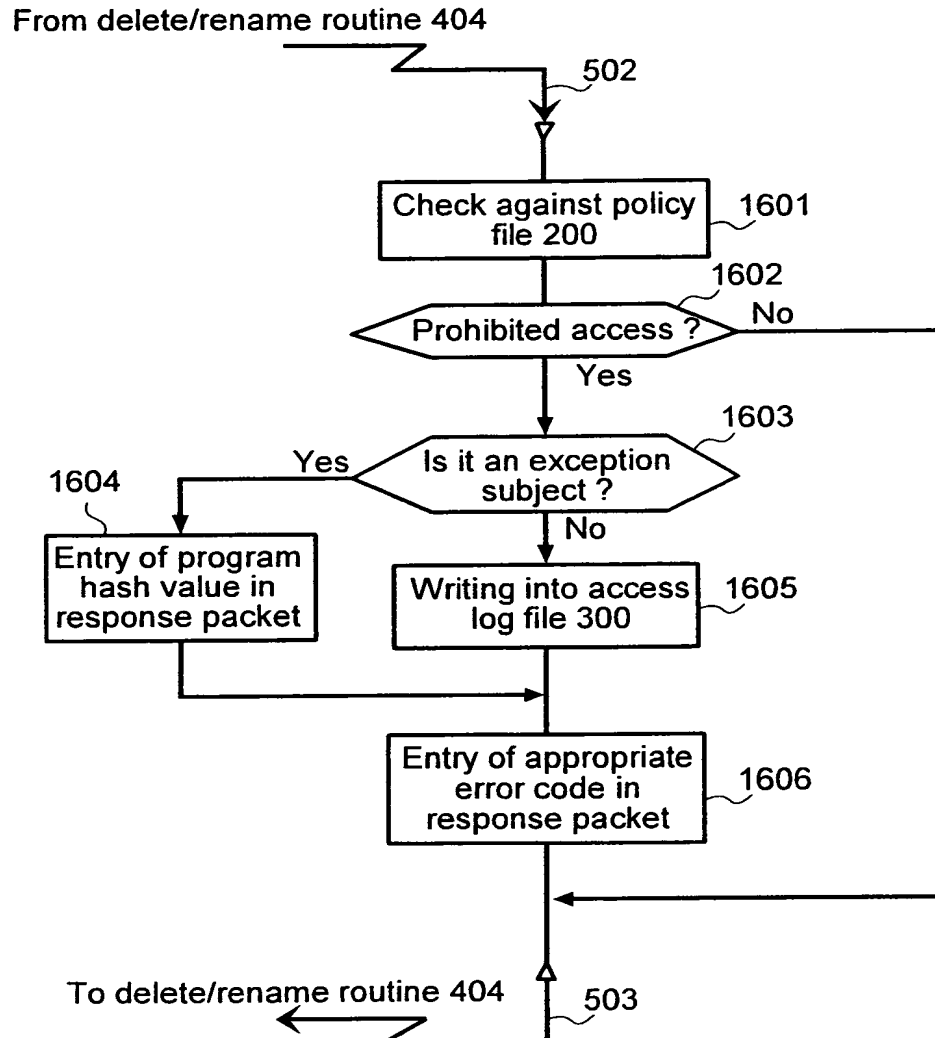
1301~1306: Processing sequence for the read/write routine 403

FIG.14

1401~1403: Processing sequence for the access log registration routine 406

FIG.15

1501~1511: Processing sequence for the delete/rename routine 404

FIG.16

1601~1605: Processing sequence for the delete/rename control routine 407

FIG.17